

### **Amendments to the Abstract**

The invention relates to a method for preparing pigmentary compositions of particles based on hydrated chromium oxide for cosmetic use in which chromium is embodied in the form of chromium (VI) in a quantity equal to or ~~higher~~ less than 5 ppm with respect to a total mass of said particles (p). The inventive method comprises a stage (E) which consists in putting in contact (a) the particles (p<sub>0</sub>), which are based on hydrated chromium oxide and have a chromium (VI) content ranging from 20 to 1000 ppm of the total mass of said particles (p<sub>0</sub>), and (b) an iron compound (II).